

558,942

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 December 2004 (29.12.2004)

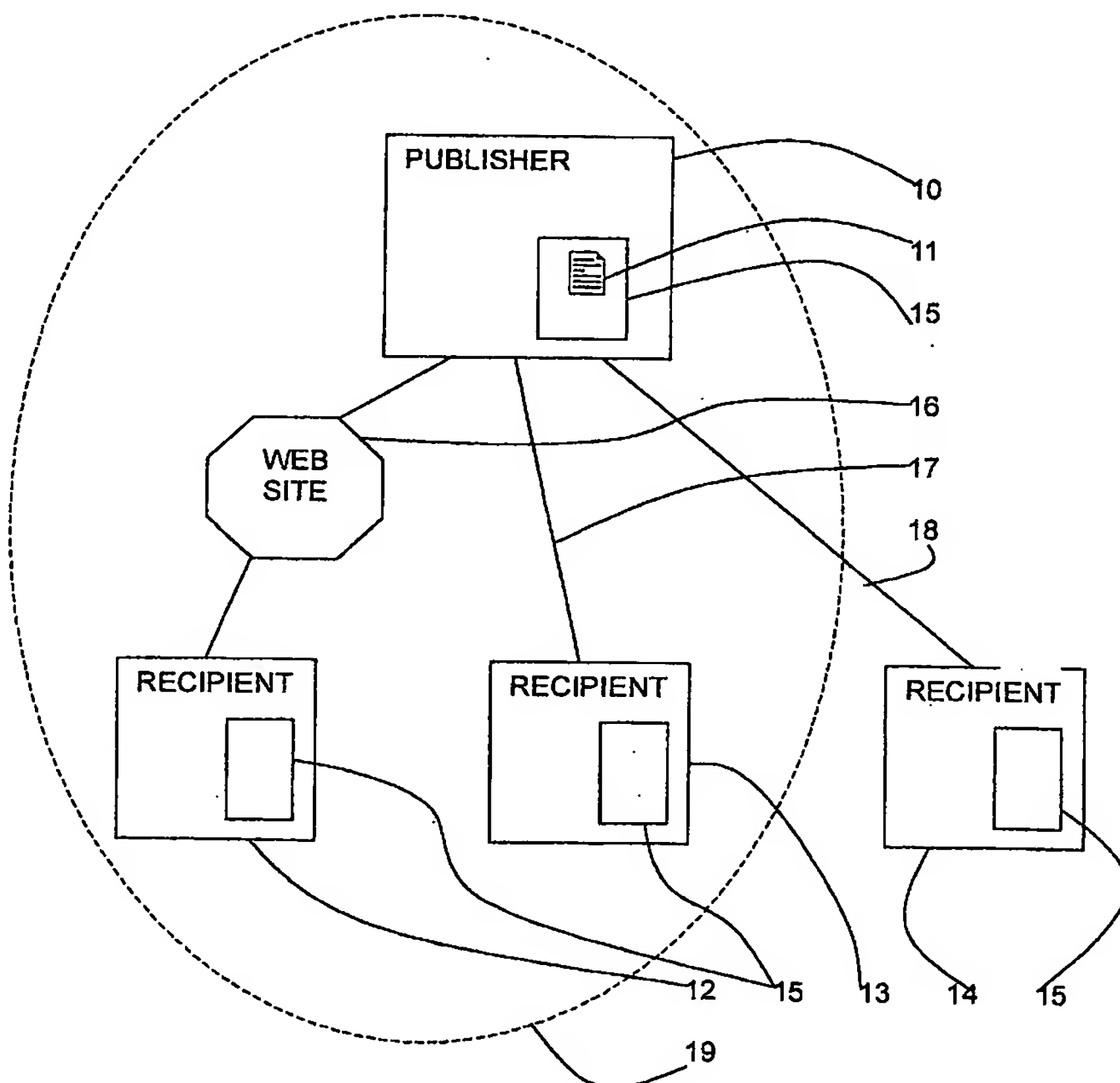
PCT

(10) International Publication Number  
**WO 2004/114197 A1**

- (51) International Patent Classification<sup>7</sup>: **G06F 21/00**, H04L 9/08
- (21) International Application Number: **PCT/EP2004/050847**
- (22) International Filing Date: **25 May 2004 (25.05.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:  
0312736.2                      4 June 2003 (04.06.2003)      **GB**
- (71) Applicant (for all designated States except US): **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York 10504 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **NOBLE, Gary, Paul** [GB/GB]; 5 Laverton Meadow Cottages, Near Broadway, Worcestershire WR12 7NA (GB).
- (74) Agent: **LITHERLAND, David, Peter**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: **METHOD AND SYSTEM FOR CONTROLLING THE DISCLOSURE TIME OF INFORMATION**



(57) Abstract: A method and system for controlling the disclosure time of information by a publisher (10) to one or more recipients (31) is provided. The system includes a trusted body (30) which generates an asymmetrical key pair for a specified date and time of disclosure with an encryption key (32) and a decryption key (34). The trusted body (30) provides a digital certificate (20) signed with a private key (26) of the trusted body (30) providing the publisher (10) with the encryption key (32) prior to the specified date and time. The publisher (10) uses the encryption key (32) to encrypt data (15) and a recipient (31) obtains the encrypted data (15) at any time prior to the specified date and time. The trusted body (30) then makes the decryption key (34) available to the recipient (31) at or after the specified date and time.

WO 2004/114197 A1



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*